
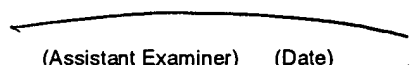

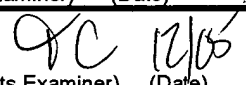


|  |                         |  |   |  |
|--|-------------------------|--|---|--|
| <b>Issue Classification</b><br> | Application/Control No. |  | Applicant(s)/Patent under Reexamination |  |
|  | 10/510,501              |  | SHIMIZU ET AL.                          |  |
|  | Examiner                |  | Art Unit                                |  |
|  | Sang Y. Paik            |  | 3742                                    |  |

| ISSUE CLASSIFICATION         |   |          |   |                    |                                   |    |  |  |  |
|------------------------------|---|----------|---|--------------------|-----------------------------------|----|--|--|--|
| ORIGINAL                     |   |          |   | CROSS REFERENCE(S) |                                   |    |  |  |  |
| CLASS                        |   | SUBCLASS |   | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |    |  |  |  |
| 392                          |   | 390      |   | 392                | 393                               |    |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |          |   |                    |                                   |    |  |  |  |
| F                            | 2 | 4        | F | 3                  | 1                                 | 4  |  |  |  |
| F                            | 2 | 4        | F | 6                  | 1                                 | 00 |  |  |  |
|                              |   |          |   | /                  |                                   |    |  |  |  |
|                              |   |          |   | /                  |                                   |    |  |  |  |
|                              |   |          |   | /                  |                                   |    |  |  |  |

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <br>(Assistant Examiner) (Date)         |  | <b>SANG PAIK</b><br><b>PRIMARY EXAMINER</b><br> (Primary Examiner) |  | Total Claims Allowed: <b>16</b><br>O.G. Print Claim(s): <b>15</b><br>O.G. Print Fig.: <b>1</b> |  |
| <br>(Legal Instruments Examiner) (Date) |  | <b>12/23/05</b><br>(Date)   |  |  |  |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          |       |          |       |          |       |          |       |          |       |          |       |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|--|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| Final  | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                        | Original | Final                         | Original | Final                           | Original |
|  | 1        |       | 31       |       | 61       |       | 91       |       | 121      |       | 151      |       | 181      |       |          |                              |          |                               |          |                                 |          |
| 1  | 2        |       | 32       |       | 62       |       | 92       |       | 122      |       | 152      |       | 182      |       |          |                              |          |                               |          |                                 |          |
| 2  | 3        |       | 33       |       | 63       |       | 93       |       | 123      |       | 153      |       | 183      |       |          |                              |          |                               |          |                                 |          |
| 3  | 4        |       | 34       |       | 64       |       | 94       |       | 124      |       | 154      |       | 184      |       |          |                              |          |                               |          |                                 |          |
| 4  | 5        |       | 35       |       | 65       |       | 95       |       | 125      |       | 155      |       | 185      |       |          |                              |          |                               |          |                                 |          |
| 5  | 6        |       | 36       |       | 66       |       | 96       |       | 126      |       | 156      |       | 186      |       |          |                              |          |                               |          |                                 |          |
| 6  | 7        |       | 37       |       | 67       |       | 97       |       | 127      |       | 157      |       | 187      |       |          |                              |          |                               |          |                                 |          |
| 7  | 8        |       | 38       |       | 68       |       | 98       |       | 128      |       | 158      |       | 188      |       |          |                              |          |                               |          |                                 |          |
| 8  | 9        |       | 39       |       | 69       |       | 99       |       | 129      |       | 159      |       | 189      |       |          |                              |          |                               |          |                                 |          |
| 9  | 10       |       | 40       |       | 70       |       | 100      |       | 130      |       | 160      |       | 190      |       |          |                              |          |                               |          |                                 |          |
| 10   | 11       |       | 41       |       | 71       |       | 101      |       | 131      |       | 161      |       | 191      |       |          |                              |          |                               |          |                                 |          |
| 11   | 12       |       | 42       |       | 72       |       | 102      |       | 132      |       | 162      |       | 192      |       |          |                              |          |                               |          |                                 |          |
| 12   | 13       |       | 43       |       | 73       |       | 103      |       | 133      |       | 163      |       | 193      |       |          |                              |          |                               |          |                                 |          |
| 13   | 14       |       | 44       |       | 74       |       | 104      |       | 134      |       | 164      |       | 194      |       |          |                              |          |                               |          |                                 |          |
| 14   | 15       |       | 45       |       | 75       |       | 105      |       | 135      |       | 165      |       | 195      |       |          |                              |          |                               |          |                                 |          |
|  | 16       |       | 46       |       | 76       |       | 106      |       | 136      |       | 166      |       | 196      |       |          |                              |          |                               |          |                                 |          |
|  | 17       |       | 47       |       | 77       |       | 107      |       | 137      |       | 167      |       | 197      |       |          |                              |          |                               |          |                                 |          |
|  | 18       |       | 48       |       | 78       |       | 108      |       | 138      |       | 168      |       | 198      |       |          |                              |          |                               |          |                                 |          |
|  | 19       |       | 49       |       | 79       |       | 109      |       | 139      |       | 169      |       | 199      |       |          |                              |          |                               |          |                                 |          |
|  | 20       |       | 50       |       | 80       |       | 110      |       | 140      |       | 170      |       | 200      |       |          |                              |          |                               |          |                                 |          |
|  | 21       |       | 51       |       | 81       |       | 111      |       | 141      |       | 171      |       | 201      |       |          |                              |          |                               |          |                                 |          |
|  | 22       |       | 52       |       | 82       |       | 112      |       | 142      |       | 172      |       | 202      |       |          |                              |          |                               |          |                                 |          |
|  | 23       |       | 53       |       | 83       |       | 113      |       | 143      |       | 173      |       | 203      |       |          |                              |          |                               |          |                                 |          |
|  | 24       |       | 54       |       | 84       |       | 114      |       | 144      |       | 174      |       | 204      |       |          |                              |          |                               |          |                                 |          |
|  | 25       |       | 55       |       | 85       |       | 115      |       | 145      |       | 175      |       | 205      |       |          |                              |          |                               |          |                                 |          |
|  | 26       |       | 56       |       | 86       |       | 116      |       | 146      |       | 176      |       | 206      |       |          |                              |          |                               |          |                                 |          |
|  | 27       |       | 57       |       | 87       |       | 117      |       | 147      |       | 177      |       | 207      |       |          |                              |          |                               |          |                                 |          |
|  | 28       |       | 58       |       | 88       |       | 118      |       | 148      |       | 178      |       | 208      |       |          |                              |          |                               |          |                                 |          |
|  | 29       |       | 59       |       | 89       |       | 119      |       | 149      |       | 179      |       | 209      |       |          |                              |          |                               |          |                                 |          |
|  | 30       |       | 60       |       | 90       |       | 120      |       | 150      |       | 180      |       | 210      |       |          |                              |          |                               |          |                                 |          |